

Figure 1.

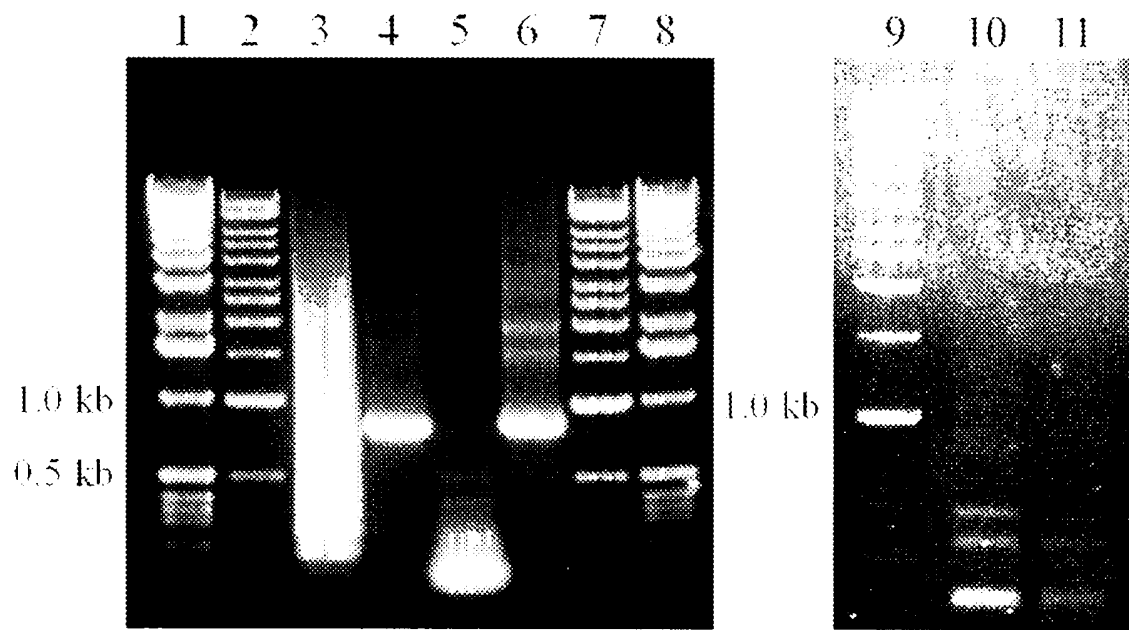


Figure 2.

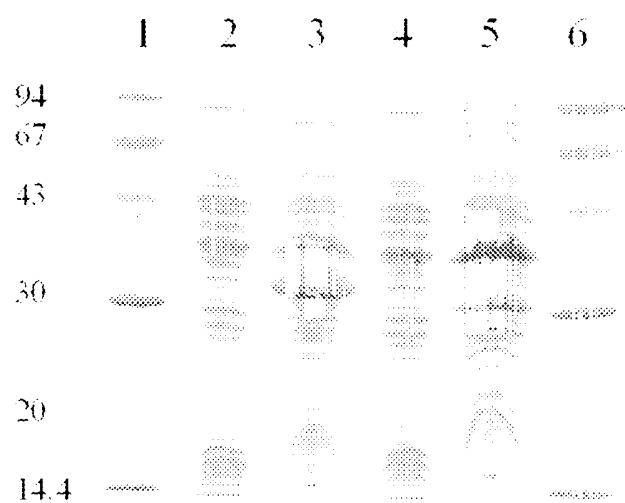
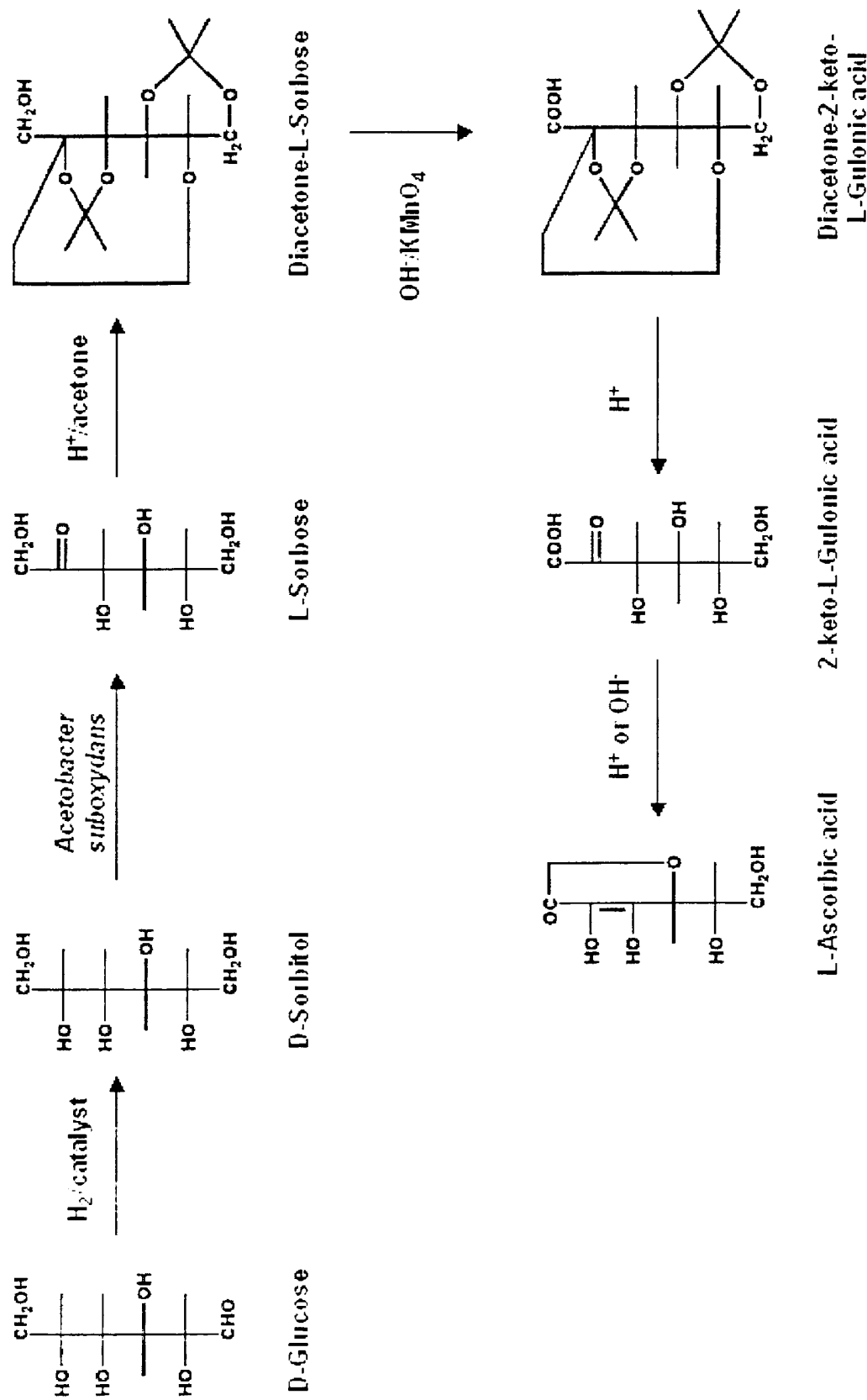


FIGURE 3



The Sonoyama "Tandem Fermentation" Synthesis of L-Ascorbate (1982)

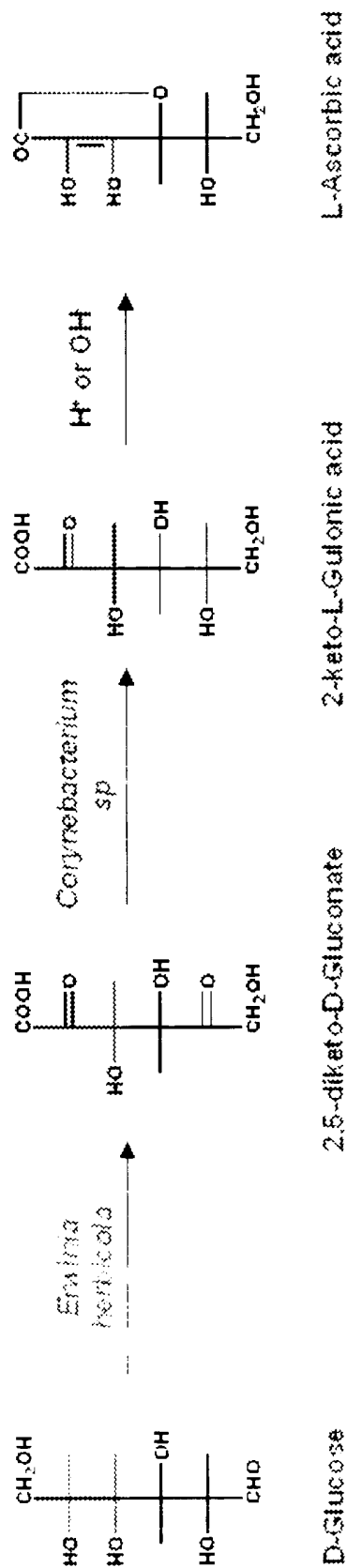


FIG. 4

The "Single Bug" Synthesis of L-Ascorbate (Anderson 1985)

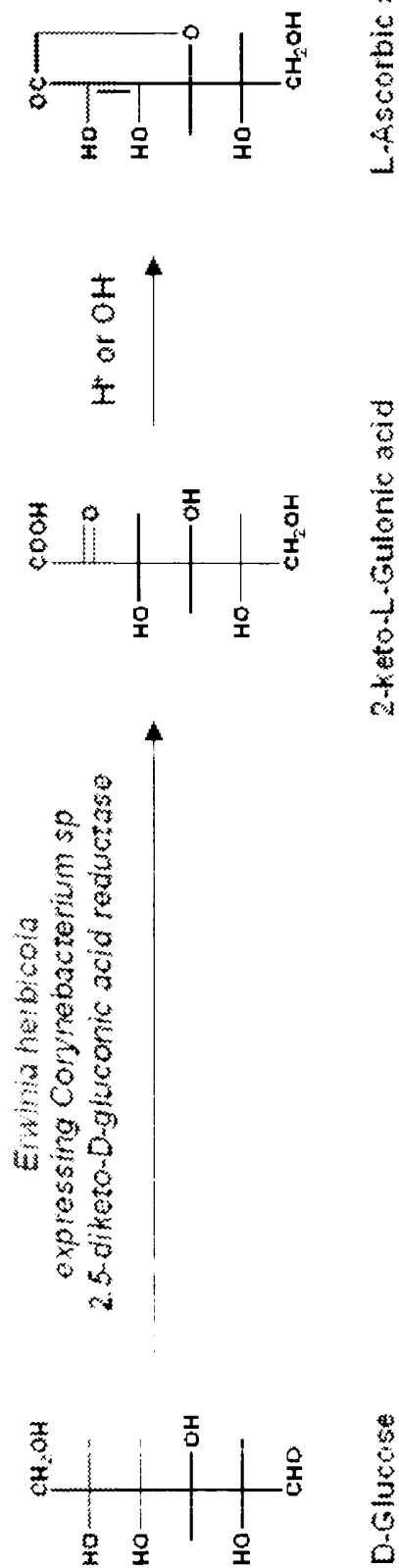


FIG. 5